

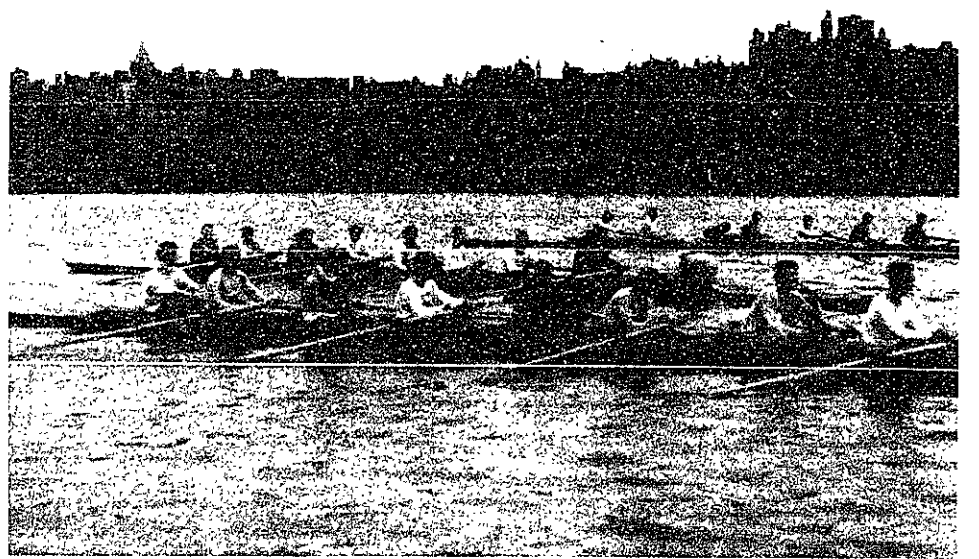
Fifty-sixth Annual Field Day Tomorrow

Field Day 1956 gets under way tomorrow afternoon at 12:00 as the freshman and sophomore classes pair off in what was once the culmination of a month and a half of fierce class rivalry. Tomorrow's Field Day, thought slightly more than an athletic contest in lieu of the Incomm motion outlawing hazing, still promises to be filled with thrills and action as the two classes meet in four athletic contests, a tug of war, and the traditional glove fight.

The history of Field Day dates back to 1901 when it was instigated as a replacement for the Cane Rush, which the year before had resulted in the death of a participant. In the Cane Rush, the frosh class was given possession of a large cane, and at the sound of a pistol the sophs did all they could to take this cane away in any manner, often employing the "flying wedge." Following the rush in 1900, however, "the unconscious body of Hugh Moore '04 was found wrapped around the cane, and although he was removed immediately, all efforts to revive him were unsuccessful." The following year Field Day was begun with three events, the football game, the relay race, and the tug of war.

This first Field Day was won by the freshman class, but since that time sophomore experience has usually proved to be the deciding factor with the yearlings able to take only twelve of the fifty-five encounters. At various times other sports were entered into the program, including basketball, tennis, and touch football which were later dropped, and crew and swimming which remain today. In 1927 the glove fight was instigated and since that time it has grown in importance until today it is the major event on the program.

This year, the purple shaft, the last remnant of the cane rush, has been abolished. Until now, possession of the shaft has not only been a psychological benefit, but added points to the field day score. One of the rules accompanying the shaft was that it had to be presented to the other class at least once before Field Day, and it was the unusual methods of presentation, often leading to riots, that led to its abolishment. Tomorrow's Field Day will mark the first time that open class rivalry has not preceded the action, and its success or failure will add another interesting chapter to Field Day history.



Frosh crewmen churn Charles River water in preparation for the Field Day competition.

Field Day Predictions

Hedlund Picks Sophomores

Dean of Field Day observers, Track Coach Oscar Hedlund has predicted a sophomore victory in this the fifty-sixth classic. Oscar bases his stand on predicted soph victories in football, swimming, and the glove fight, producing a 13-9 margin. This is the twenty-second year in a row that Oscar has gone "out on a limb", and he's been proven wrong on only a few occasions.

Oscar, and others, have found this a very difficult year to predict since elimination of rivalry has given little chance for freshman spirit to be shown. At the same time the sophs have not been active and small turnouts for several sports have weakened their chances.

Blanchard Picks Frosh

In the absence of Athletic Director Balch, Bruce Blanchard '57, President of the AA, came out in favor of the frosh. Although he admitted he was not up to date on the different teams, Blanchard said, "give it to the freshmen."

The sports staff of *The Tech* is

forced to go along with Coach Hedlund in favoring the sophs, mainly on experience. Though the results could go either way with a few breaks, the sophomores are a little more adept at making their own breaks and with last year's white-washing on their record, they're out for revenge. We like the frosh in crew on depth, the sophs in swimming on experience, in the tug of war on organization, in the relay on luck, and in the glove fight on planning. The football game could really be close. On paper the sophs seem far outclassed, but papers will be thrown to the wind with the opening kickoff and the game could go either way.

Both class presidents, Leinhard of the frosh and Long of the sophs, predicted wins for their own classes, but both emphasized the final results would be close. Sophomore planning has been handled as usual by the Q-Club, while the freshmen have finally been taken over by the recently elected frosh council.

Tech Soccermen Top Cantabs, For First MIT Win Over Harvard

A fighting Engineer team recorded soccer history last Wednesday as they scored the first Tech win ever over Harvard by a decisive 4-2 margin. Led by the outstanding play of Captain Harald Henriksen, the booters played by far their best game of the season, as teamwork and precision was exact throughout most of the game. Coupled with the frosh's, same day 1-0 triumph over the Cantabs, the win marks probably the biggest day in Tech soccer history.

The first period saw play even, with neither team being able to score until the 18 minute mark when wing Tom Buffett hit for the first of three goals. The lead was shortlived, however, as Harvard came right back to tie a minute and a half later when Jim Shue shot the ball past Tech goalie Rudy Segovia. During the second period the teams both worked the ball back and forth consistently but without being able to score, making it still 1-1 at the half.

The third period was the turning point of the game, however, as the Beavers tallied three times in succession to take an insurmountable lead. Herb Johnson opened the attack at 3:05 of the period as he tallied on a short shot from in front. A few minutes later, Harvard rushed Tech's goal, succeeded in drawing out Segovia, but were unable to hit the open nets. Tech made it 3-1 at 7:30 of the period as Buffett dribbled the ball from the center to the right side, drew the goalie into the corner, and quickly hit the opposite side of the goal.

Tech continued to apply the pressure and succeeded in constantly

keeping the ball in Crimson territory. At the thirteen minute mark, Buffett completed his "hat trick" by batting in his third goal from the center during a Harvard defensive lapse. In an attempt to offset the powerful Beaver attack, the Harvard coach at this point inserted an almost entirely fresh team which succeeded in holding back the MIT attack for the rest of the quarter.

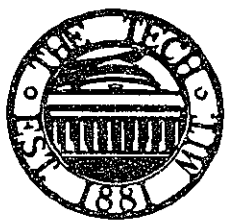
Harvard came back to life in the fourth period, applying constant pressure to the tiring Tech defense. Segovia proved more than able though, as he stopped every shot except an impossible head rebound on a free kick from the side which made it 4-2. Play ended with Tech once again controlling play on Harvard grounds.

The entire team was elated by the victory, and Coach Arne Arnesen pointed out the whole team when asked for the star of the game. He did cite Henriksen's play, however, along with Buffett, Segovia, and Sabin Banharnsupvat.

Erratum

Contrary to information printed in the October 12 issue of *The Tech*, the New England College English Association did not hold its conference on October 13, but will conduct it tomorrow in Kresge Auditorium. The principal speaker will be Professor Mark Van Doren, well known educator, poet, and author. Professor Van Doren's subject will be "Why Teach English."

The Tech



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Incomm Calls Dormcon Motion Invalid; Debates Hazing, Reaches No Conclusions

By becoming involved in rulings on parliamentary procedure, tabling and untabling motions, and attempting to censure various student government bodies, Institute Committee once again effectively avoided giving a definite answer to the hazing question by refusing to reaffirm the hazing motion which was passed last March.

Many of the members felt that the motion should not be reaffirmed until the definite stand of Incomm is cited. This action was blocked in part by the stand of several pro-hazing representatives, one of whom, Ed Friedman '57, Dorm Council President went so far as to say, "Hazing does contribute to the spirit of the educational community." Referring to Dr. Killian's letter of last spring on hazing, he added that several Incomm members have been placed in an embarrassing situation due to this, and implied that the author himself may likewise be embarrassed. "Only in excess can hazing be bad!" Bob Leinhard, President of '60, went on to say, "The freshmen as a whole are in favor of hazing. They are better for it since it has made them work together. Class and school spirit are tremendously important, and are best developed through hazing." In this same line, one of the Field Day coaches, Harry Flagg '57, stated, "Since hazing started going strong, interest in Field Day sports has increased tremendously. Hazing cannot be thrown out when there is nothing to replace it."

Many of the Incomm representatives did not share these feelings, however. Leading the opposition was Ed Roberts '57, President of Activities Council, who stated, "The incidents occurred because the Freshmen were misinformed by the upperclassmen. The motion is practical; when Incomm takes a definite stand, hazing can and will be eliminated. Hazing is not a mature action, and can bring about physical and emotional damage, impairing the reputation of the Institute." Tom Thomas '57, UAVP, added, "If hazing could be done without resulting in the so-called dangerous 'excess', it might be good, but it must be done

away with completely, without giving exceptions." It was mentioned, though, that certain exceptions would have to be made; otherwise, certain activities such as Pershing Rifles with their hazing programs would suffer. Mike Brenner '57, IFC President, summed up the whole problem with, "Trying to establish a limited form of hazing is like 'separating the white from the yolk without breaking the shell.'"

Another motion which received much debate was that introduced by Larry Spiro '59 representative, asking for the censure of the Incomm Executive Committee for their lack of action on the hazing question. Spiro felt that Excomm encouraged hazing with its silence and statements to *The Tech*; the hazing incidents could have been avoided by warnings from the executive group.

Mike Brenner, member-at-large, answered with, "Executive Committee wanted the matter to die quietly, so it stayed silent. The leaders of '59 and '60 were contacted for help, and their attitude to the situation was very immature." Mal Jones '57, UAP, added, "We made our mistake in assuming cooperation from the official leaders of '59 and '60; it was a mistake in judgment." The fact was also brought up that Excomm had not been approached by Institute Committee for action previously. After considerable debate, the motion to censure was defeated.

The only motion that was passed at the meeting was that to declare the Dormitory Council pro-hazing resolution invalid. Although it was decided that the motion was in the spirit of developing "the whole man" (Continued on page 3)

'59, '60 Claim Success In Rivalry; Both Predict Field Day Victory

On Sunday, October 14 the rare sight of pants flapping in the breeze could be seen between the Parallels. This is a result of seventeen sophomores' activity the evening before initiated the first mass encounter in current frosh-soph rivalry. The freshmen had sent Dennis Lytle to RPI but now their pants were waving over East Campus.

The Muglift of the following Friday marked the second major incident of conflict. The Frosh felt victorious in the fact that "no class officers were caught" in the rain of beer. On the other hand the sophs claimed a record attendance. Their complaint was "that there were too many freshmen some had to be sent away."

Both classes are boasting success in the rivalry and flaunting their defiant challenge on the eve of the final test of their mettle, Field Day. In no uncertain words Bruce Blomstrom in helping to organize the Class of '59 stated the outcome of tomorrow's events; "In the coming Field Day the Class of '59 will again prove its

spirit at the expense of the Class of '60. As has been in evidence through the past few weeks the freshmen although undoubtedly impressed by their statistical athletic potential will realize that the position of 'top man' is not achieved through dreams but through action." Bob Leinhard, frosh president, after eluding the sophomores last Friday expressed the cool air of superiority in the freshman class in his opinion of Field Day. "With an analysis of the teams we see an even split, with the tug-of-war and the glove fight the chances are good of taking Field Day." In an attempt to justify sophomore expectations of victory despite the athletic ability of the frosh class. Bud Long '60, class president, stated: "The Class of '59 is bursting at the seams with fiery enthusiasm which will gring the disorganized Class of '60 into the ground. Despite their great athletic potential they can't down the spirit of '59." The challenge has been issued by both classes and they look to Field Day for the decision.

The Tech

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JOHN A. FRIEDMAN '57
EditorROBERT G. BRIDGHAM '57
Business Manager

F. William Daly '58.....Night Editor

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the college world

While the hazing controversy rages at MIT, at most of the other colleges just hazing rages. This hazing ranges from an infantile tradition at some colleges to a custom at one college which made the staff on *The Tech* blush.

At some colleges, such as Adelphi, Clarkson, St. Bonaventure, University of Washington, and the University of San Francisco, hazing consists mainly of Freshmen wearing identification of some sort, a few rather dumb rules, and an athletic contest to determine if the hazing period will be extended or not. Freshmen are generally required to wear a beanie and an identification tag: a sensible way to get the frosh acquainted. Then to give the upperclassmen a feeling of superiority, several rules like do not walk on the grass, carry matches for upperclassmen, know the college songs and cheers and be ready to recite them on demand, etc., are imposed upon the freshmen. Infraction of these rules are reported to some kangaroo court which dictates a humiliation to the offender. Upon some day the frosh usually beat the sophs at a tug-of-war or some similar contest to stop hazing.

Worcester Technology has a fight called a paddle rush which is similar to our glove fight. It consists of the two lower classes running to get paddles and administering the heavy end of them to the members of the other class. Since this isn't entertaining enough they also give free rides to the other class to get them in condition for the paddle rush. The rivalry at Worcester Tech, very similar to that previously sanctioned at MIT, seems to be fine for the boys, as it isn't outlawed there.

In Canada things are done quite differently. The *Queen's Journal* at Queen's University cites the case where each freshman was equipped with a yellow tin can as an ash tray for sophomores, a tape measure to obtain vital statistics on co-eds designated by seniors, and a slide rule to answer mathematical questions on demand. Must be interesting being a freshman.

If you think this is something or that hazing at MIT is rough, just take a look at the University of British Columbia. "As the mob descended upon the Engineering building, Redshirts locked all doors, and unlimbered heavy artillery in the form of fire extinguishers. Finally, undaunted by dousings and liberal ministrations of lampblack, Frosh forces gained entry and wreaked brief havoc with commanded fire hoses." Of course they don't have depantings here so they had to substitute it with deskirting. The caption under a picture states: "None-too careless hands reach out from all directions to administer Redshirt discipline to still another unidentified Freshette: The offense: who cares? The punishment: cut off her skirt." A caption of another picture of a skirtless co-ed declares: "The uncomfortable-looking recipient of Redshirt attentions shown above was only one of dozens of first year women locked in stocks Wednesday by stern, discipline-loving Engineers. They stated however, that their captors were 'real polite' and that the stocks weren't uncomfortable at all." The Society for the Prevention of Cruelty to Freshettes reported that action would be taken against the EUS's treeing four skirtless girls and molesting them with stirrup pumps.

"They were left ravished and weeping in the EUS offices by the lustful mob."

No men, the admissions to the U of BC are closed and it's too late anyway, but then, next year is another year. Wonder if Incomm would pass a resolution against hazing at this college? Ah well, MIT does have its hazing, doesn't it?

—Carl Swanson '60

profile

The man nobody knows

Constantly keeping a close vigilance on the administrative matters in the Institute is Dr. Julius A. Stratton, Chancellor of MIT. He is directly or indirectly concerned with matters such as instruction, research, financial matters and relations with outside businesses. In addition to this heavy schedule he manages to serve as president while Dr. Killian is away.

Born May 18, 1901 in Seattle, Washington, it was not until 18 years later that Dr. Stratton found out that there was an MIT. The next year he worked as a wireless operator on a boat that was aimed towards Boston, where he decided to stay for an education. Having had a year's education at a Washington college, he started as a sophomore at Tech. It seems that since the age of 15 he possessed an

aptitude for electronics so Dr. Stratton entered the field of electrical engineering. Having received a BS degree from MIT in 1923, he studied at the Universities of Grenoble and Toulouse for a year where he obtained his "liberal arts" education. Dr. Stratton returned to MIT as a research lab assistant in 1924 working with Arthur I. Kennelly. By 1927 he had procured a master of science degree at MIT and a doctor of science degree at Zurich.

1928 marked the beginning of a long career at MIT. For three years Dr. Stratton served as an assistant professor in the electrical engineering department and for eleven years he stayed in the physics department until he became full professor of physics in 1941.

During the second world war, Dr. Stratton played an important part in the development of radar. It all began when President Roosevelt formed a research committee of which Dr. Compton, then president of the Institute, was a member. This research committee gave MIT the right to develop radar and Dr. Stratton was one of the first members on the staff. In fact Dr. Stratton was detached from the Institute for three years while he served as an expert consultant at the Office of the Secretary of War. His main duties there were putting the radar to practical use, or as he said "minimizing the delay from the lab to the field." To express the importance of MIT's place in the development of radar Dr. Stratton said "Just like Las Alamos was concerned with the atomic bomb, we here were concerned with radar." For his outstanding services in radar, he received the Medal for Merit from the Secretary of War in 1946.

After being the Chairman of the Committee on Electronics of the Research and Development Board for two years, Dr. Stratton established the Research Laboratory of Electronics at MIT, and acted as director until he was appointed Provost in 1949. By 1951 Dr. Stratton was Vice President and Member of the Corporation of MIT and this year he was appointed Chancellor.

Amid all of the research and the excitement that was going on, he wrote a book *Electromagnetic Theory*, which was published in 1941.

Now that Dr. Stratton has charge of all the administrative matters, his job consists largely of weighing matters and making many final decisions. Most of the decisions deal with the student body. He permits the students to voice their opinions because he has much confidence in the student government here and believes that it is "a part of education itself." When asked what he thought of the many decisions that the students had made here, good and bad, he said without delay "I think our student government is excellent and has a record of which we can surely be proud."

the kibitzer

S—A
H—A J
D—A Q 8 4 3 2
C—J 10 7 6

S—Q 9 5 3
H—6
D—J 10 7 5
C—K 9 5 4

N
W E
S
S—K J 10 6
H—K Q 10 4 2
D—K 6
C—A Q

Opening lead: 6H

Today's hand provided declarer with the opportunity of fulfilling his optimistic bid of 7NT. However, to win needed careful planning to establish the winning triple squeeze on West. North's repetition of the diamond suit on the fourth level allowed declarer to believe that his partner held a good diamond suit and was not interested in game at 3NT. He planned to stop at 5D if his partner had only one ace, but upon learning that his partner had three aces he bid 7NT. He proceeded to play hearts and diamonds, and when the bad news became evident he blamed lack of chance for the outcome.

However, by hoping that diamonds would break he gave himself only one chance of fulfilling the contract.

There is another line of play in attempting to make the contract, and that is to hope that the hand which holds the four diamonds also holds the club and the spade threat cards.

Declarer should play J and A of hearts, noticing that West discards a club. Then he should play the A of spades and a small diamond to his king. He then proceeds by playing three top hearts and West is obliged to discard a spade and two clubs, or a club and two spades. If West has discarded three clubs in total, he now plays the ace of clubs, dropping the King and the play of the queen of clubs further squeezes West, who must give up a diamond or a spade.

Notice that the ace of spades is the key play in this hand and allows declarer to work on a squeeze. Furthermore, the play of the ace of clubs hoping to force West's king to drop is also logical because a finesse in clubs would only give the 12th trick to declarer, which of course is insufficient in 7NT.

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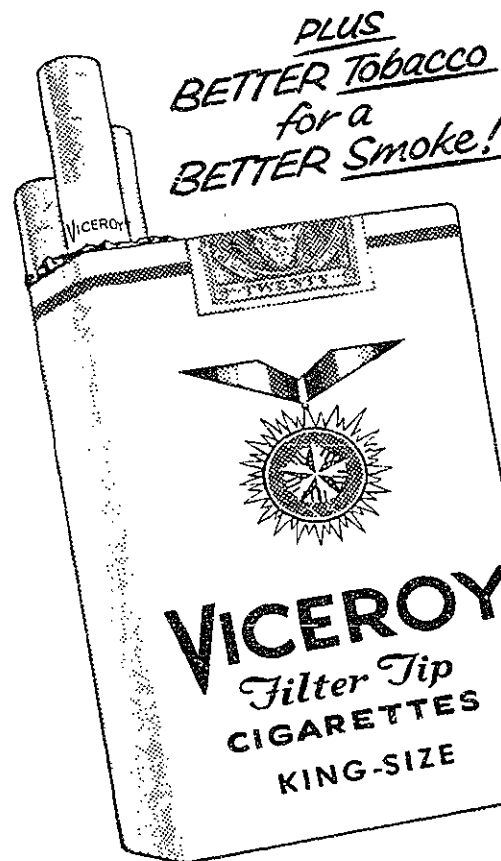
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East Campus Votes Pro-Hazing; Burton House Reviews Judcomm

The three House Committees of the MIT dormitory complex held meetings Wednesday night, during which the subject of hazing was brought up. The East Campus House Committee passed the following motion, which was the strongest action taken by any of the House Committees: "Whereas; it is the opinion of the East Campus House Committee that the East Campus residents do not favor the Incomm resolution of March 7, 1956 concerning hazing; the East Campus House Committee strongly urges the East Campus Institute Committee Representative to introduce a resolution in Institute Committee to rescind the Institute Committee motion of March 7, 1956."

At the Burton meeting, a new member was elected to the house judicial committee, Tom Crystal. Also, the status of the Dormitory Judicial Committee relative to the Burton House Judicial Committee was clarified.

TCA Blood Drive

The annual all-campus Blood Drive, under the auspices of TCA, will be held on November 6, 7, and 8, at the Kresge Auditorium. In this connection, President Killian has issued the following statement:

To the MIT Student Body:

May I urge every member of the MIT family who can to participate in the Red Cross Blood Drive to be held on campus early next month under the sponsorship of the Technology Community Association.

Both the character of the cause and the magnitude of the need are well known. Our obligation is clear. In the past, the response of the MIT community to this kind of appeal has always been generous. I am sure that it will be so again.

J. R. Killian, Jr.

President

The Red Cross, which will receive all of the blood, has promised "a free blood transfusion to all members of the MIT community" if the size of the collection justifies it.

Nothing of great importance relative to the hazing and judicial problems was discussed at the Baker Housecom meeting, although the Institute Committee's invalidation of the recent Dormitory Committee resolution conditionally accepting some types of hazing was discussed.

Dormitory Committee has taken no action on Institute Committee's moves. An informal meeting held last Monday considered mainly budgetary matters.

The moves taken this week by the three Committees point up the fact that the question of hazing is far from decided.

MATH CLUB

The Math Club presents Mr. Pina of Boeing Aircraft who will give a talk on "Mathematics at Boeing." Monday Oct. 29 at 5:00 p.m. in Room 4-270

No Answer For Hazing Controversy

INSCOMM

(Continued from page 1)
and integrating the Freshmen, it was basically against the idea of the "senior" Incomm motion, in that it did allow actions which could result in the injury of individuals and the school.

Report of the Judicial Committee to Institute Committee:

On March 7, Institute Committee passed a motion on hazing. This motion, sandwiched between tradition on one side and the human nature of college men to expend energy on the other, salted with widespread misunderstanding of the full meaning and interpretation of the motion, has developed into a problem. In a perfect society, there is no need for a Judicial group. However we have a real society, and Judicial Committee's function is to become acquainted with the facts and circumstances concerning any alleged infraction of the rules, and to render an impartial and just decision through their interpretation of the rules.

In performing Judicial Committee's purpose of promoting the best interests of MIT and its Student Body and individuals therein, the Committee has interpreted the existing hazing regulations in the following manner:

The Committee finds there is a difference between Rivalry and Hazing. The Committee considers hazing anything which could lead to: (a) personal injury, (b) destruction of property, (c) undue or prolonged disruption of scholastic atmosphere, (d) activities which could impair the reputation of MIT.

The Committee considers rivalry a form of competition and therefore outside the scope of the hazing regulation.

Dormitory Residents Comment On Hazing Ed Friedman: Hazing Rule Unacceptable

(Here, in the words of dormitory Freshmen, Sophomores, and members of student government, is the general dorm sentiment on hazing. Ed.)

Hazing seems to be all right provided there is no personal inconvenience or damage to any property.

—AlarToomre '57, East Campus House Chairman

I think, overall, it's a good thing . . . I'm for it but I think there ought to be some restriction imposed.

—A Freshman

I love hazing . . . I don't think there is enough of it done around here . . . It gives us a chance to let off steam. . . and lets freshmen know who they are . . . I think we're old enough to know the proper limits.

—Sophomores

I enjoyed every bit of it . . . I made lots of friends among the Sophomores . . . We should continue hazing.

—Freshmen

I don't see any sense in hazing. Class spirit is essential but I see no sense in throwing anybody in the showers. Field Day is fun; but in the dorms . . . You do not achieve anything by depanting a freshman. It may be the quickest method of achieving class spirit, but it's certainly not the best . . . I think it shows a complete lack of maturity. When schools such as Harvard and Bowdoin outlaw it, there has to be sense in anti-hazing

rules . . . Older people see no justice in hazing and I think it's immature of 18 and 20-year olds to think they know more than these people . . . Anybody who resorts to hazing to show his superiority, only shows his immaturity.

—Other Freshmen

We have a ruling against hazing. I believe some members of Institute Judcom were present at the muglift. While they did not approve, they did not disapprove either. Why do we have such a ruling if no one pays any attention to it?

—A Sophomore

It's my opinion that the hazing motion is not enforceable. The student government can't maintain order—the muglift is impossible to control—there are too many people for hazing. The student body feels that a certain amount of hazing is good. So does Judcomm.

—Ed Friedman '57, Dormcon Chairman

The student government is democratic. Most Juniors and Seniors are for hazing . . . they may not take direct part in it but they may coach either freshmen or sophomores. There was a lot of noise going on at Burton last Thursday night. It was mostly Seniors.

—Lewis Cohen '58, Burton House Chairman



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Frosh, Soph Gridiron Chances Even

Freshman

Although still in search of their first victory of the season, the football team of the Class of '60 feels that they have the spirit and abilities to overcome the sophomore forces. Although considerably weakened from their original position this fall when over fifty showed up for practice, the frosh still have the advantage of depth over the sophs.

This was the opinion of both Head Frosh Coach Paul Ekberg '58 and newly elected captain Chuck Conn. Though decisively defeated by Tabor in their first game, and edged 7-0 by Thayer Academy last week-end, the frosh still "have lots of spirit" according to Conn.

Tomorrow's starting lineup will have Jerry Wise or Cal Koonce at left end, Dave Powell at left tackle, Bob McCullough at left guard, and Angus Andrews at center. On the other side of the line will be Dan Michaels at right end, Ed Pollard at right tackle, and Bruce Nelson at right guard.

Quarterbacking the spirited frosh eleven will be Joe Patalive, who'll be backed up by Dick Kaplan at one halfback slot, and either George Stivers or Smokey Babcock at the other. Rounding out the team in the full-back slot will be Captain Conn.

Operating from the split-T, the frosh will depend upon an even balanced backfield. Coach Ekberg stated "they're all good, and in the line you

can look for McCullough and Nelson, though there aren't any real stand-outs."

Sophomores

MIT's sophomore eleven hopes to finish their playing careers by extending the sophomore football Field Day streak to eleven straight when they meet the frosh tomorrow at 1:00 p.m. Since the inception of Field Day, the sophs have dominated the game, winning twenty-nine of thirty-seven gridiron contests.

The sophomores, like the frosh, will run from a split-T formation, varied by an occasional flanker. The key man in the potent '59 ground game, and the man the frosh will have to stop, is fullback Larry Boyd who has the speed to run the ends, and the power to crash the line. Bob "Tank" Couch and Bob Keene flank

Boyd at the halfback spots in a backfield that stresses sheer power. Bruce Wilcox, outstanding frosh player in last year's Field Day tussle, is back at quarterback where he excels in use of the option play.

This formidable backfield is headed by a line that is both heavy yet mobile. Center Herbie Prulick, flanked by guards Dix Browder and Bud Champlin form the center of the soph line. Rich Simons and Steve Weissenberger or Bill Cramer play at the tackle spots while Cal Swift, Walt Huaman, and Al Beard hold down the end positions. This is virtually the same team that did everything but score against the Class of 1958 last year, in bowing 12-0 in a steady downpour. Indications are that whatever the weather tomorrow, the sophs will have the power to roll and if their defense can hold as it did in last Saturday's 24-0 win over the Andover JV's they'll be tough to beat. Coaches Bill Salmon and Bob Laurance feel the "team has the experience and the will to win."

SWIMMING

Qualification heats for this season's intramural Swimming Meet will be held in the Alumni Swimming Pool next Tuesday and Wednesday evenings from 6:30 until 8 p.m. The finals in this intramural tournament will be conducted on Sunday, Nov. 4.

FOUND

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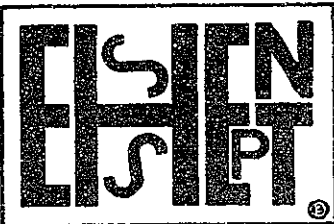
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of an
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University

PUZZLE NO. 13



CLUE: This Baptist college for women was chartered and opened in 1833. In 1937 Maude Adams became a professor in its famed drama department.

ANSWER

Name _____

Address _____

City _____ State _____

College _____

Hold until you have completed all 24 puzzles

PUZZLE NO. 14



CLUE: Woodrow Wilson was the thirteenth president of this university for men. Opened in 1747, it was the fourth colonial college.

ANSWER

Name _____

Address _____

City _____ State _____

College _____

Hold until you have completed all 24 puzzles

PUZZLE NO. 15



CLUE: Named for a British earl, this college for men was founded by Eleazar Wheelock in 1769 by royal charter from George III. A famed winter sports carnival is held here.

ANSWER

Name _____

Address _____

City _____ State _____

College _____

Hold until you have completed all 24 puzzles

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4 Sports Events, Tug of War, Glove Fight, To Decide Field Day

Annual Glove Fight To Close Field Day

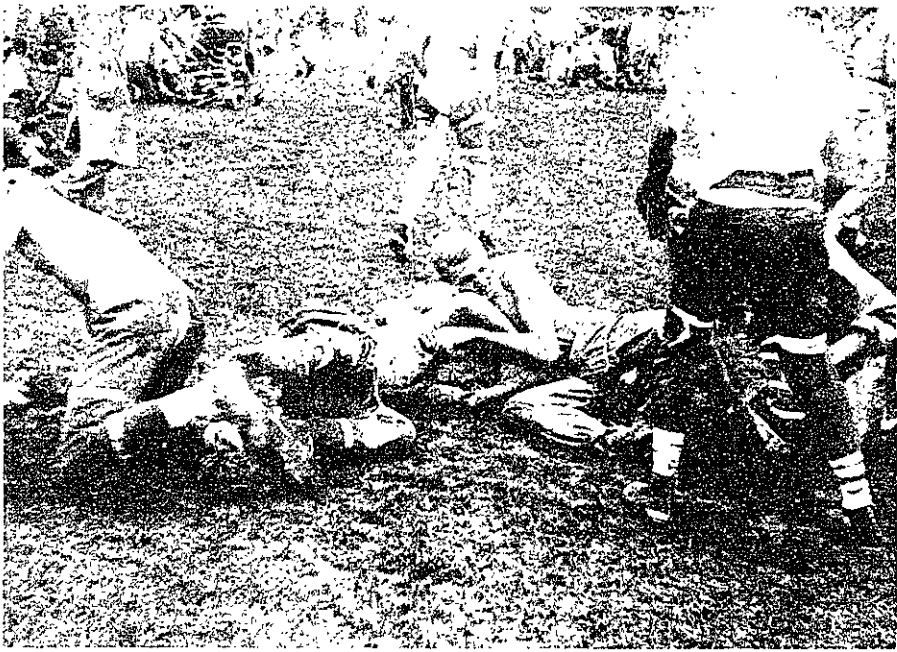
Most colorful event on tomorrow's program, the glove fight, is also the most important since its six points go a long way toward the twelve needed to win. General consensus of feeling is that the winner of the glove fight should easily win Field Day.

The procedure involved is quite simple. At the start of the fight each member of the team is provided one glove, of different colors for each class. The object is then to spend the next half an hour trying to capture the other gloves while hanging onto your own. The battle soon breaks up into groups of wrestling matches where the acquisition of the opponent's pants seems more important than getting his glove. At the end of the period the gloves captured by both teams are counted separately and the winner announced.

Because of the importance of the fight, almost every class has designed one or more plans to enable it to take the most gloves in the easiest manner. Last year's sophs chained one of their members to the goal posts with all the gloves and then formed a human chain around the goal. While these men were holding off the attackers, a few stray groups were able to round up the necessary freshman gloves. Beaver Key will sell tape Saturday for all competitors who wish to secure their pants to their bodies, and various grease supplies will probably be made available.

Field Day Schedule

Crew Race—Charles River	12:00 3
Swimming—Alumni Pool	12:30 3
Tug-of-War	
First Tug—Briggs Field	12:45
Football Game	
First Half—Briggs Field	1:00
Relay Race—Briggs Field	1:45 3
Tug-of-War	
Second Tug	2:00
Football Game	
Second Half	2:15 4
Tug-of-War	
Third Tug (if needed)	3:00 3
Glove Fight—Briggs Field	3:15 6



Sophs and frosh battle it out amidst grease and mud for last year's Glove Fight victory.

Experienced '59 Swimmers Rated Favorites Over Spirited Freshmen

A strong sophomore team seems to hold a big advantage in tomorrow's swim meet to be held in Alumni Pool at 12:30. Consisting of two races, a 200-yard freestyle relay and a 150-yard medley relay, the meet will award three points to the overall winner. The basis of scoring will be six meet points for winning the freestyle 5 for the medley, 4 for second in the freestyle and 3 in the medley, and finally 2 for third in the former race and 1 in the latter. Each class will enter two teams in each race, making a total of 28 competitors.

Sophs Strong

With most of last year's very successful freshman team returning, the sophs rule as strong favorites over the spirited but inexperienced yearlings. Heading the list of returnees from last year's frosh squad are Co-Captains Roger Kane and Lynn Jackson. Both of these men are quite versatile, with Kane swimming freestyle, backstroke, and breaststroke, while Jackson specializes in the freestyle and butterfly events. Other top

freestyler back for the sophs is Chuck Fitzgerald, who last year came a tenth of a second from the frosh fifty-yard record with a 24.8 clocking. Other top men for '59 will include Neil Divine, Bob Brooker, Bob Den Eick, Jack Kossler, Paul Rosens, Bob Fahrenbach and Cris Ward.

The frosh present a well balanced team in good condition, and one that could easily cause trouble. Coach Al Johnson '58 will count on Green, Brown, Howland, Hagen, Eigbertt, Kemper, Bonesteel, and Fox for probable freestyle work with Lee Alter and Tony Aldrich doing the backstroking. The frosh breaststrokers will probably be West and Kenyan.

Since comparative times are not available, it is difficult to forecast the exact performance of the yearlings and even previous times mean little in the excitement of Field Day. This year's sophs made '59's best showing in last year's Field Day as they bowed to the present Junior class by only one point.

Hedlund Favors Freshman Cinderman, As Depth Warrants Return To Tradition

For the 56th year in a row, one of the main features of Field Day will be the annual relay between the two competing classes. Each team consists of twelve men, who run the same eighth of a mile distance. In the past, the race has been won by the sophs an amazing forty-three times, but tomorrow's race shapes up as one of the closest in years.

Coach Oscar Hedlund favors the frosh in the track event on the basis of greater depth and spirit. The number of freshmen out almost doubles that of sophomores and this depth could prove the difference even though the outstanding qualifying times have been turned in by the sophs. The sophs are quite confident of winning, however, and the results should prove interesting. Last year's soph team broke a two year jinx by beating the frosh, even though their anchor man fell in the last 100 yards due to the slushy conditions of the track. Prior to this the sophs had dropped the baton two years in a row, costing them both races. This element of chance has added suspense to each year's race and has been the determining factor many a time. Since final time trials are not until today, there is little chance to practice baton pass-

ing and this could again mean the difference.

Through Wednesday the best times for the frosh had been turned in by McDowell, Slusser, Mullen, Carmen, and Hartung. Seven more frosh will probably be added to this nucleus to form the final squad. For '59, the best men to date have been Brownard, Fitzpatrick, Maier, Staples, and Williamson. There has been a big turnout for the sophs in the past week though, and additional men with 2:20 times under 25 seconds may still be found.

The experience gained in last year's Field Day competition by the '59ers, coupled with their creditable times and spirit, could decide the outcome of tomorrow's running of the annual relay race.

Frosh Slim Favorite For Field Day Crew In Day's First Event

First event on the Field Day program, tomorrow's upstream crew race will decide the first three points of Field Day. As always in the past, the sophs are at a disadvantage since those who won numerals last year are not eligible and this pits a limited number of soph novices against the huge turnout of freshmen, some of whom have had some experience.

Saturday's race which will be rowed from the boathouse to Harvard Bridge, will put three frosh boats, yet to be picked against the number one soph boat. Earlier in the morning, the second set of three frosh boats will race the soph's second boat over the same distance, but for no points. At present there are seven frosh boats under the direction of Coach Frank DuBois, three of which are composed of lightweights. Terry Carney, co-captain of last year's lightweights has been handling the coaching of the sophs.

Last year's race saw one of the few soph victories as '58's lone boat bettered three frosh competitors to the finish line.



Cindermen practice baton exchange for Saturday's relay.



s'Gravesande's Steamwagen

s'Gravesande's Steam Reaction Car

In 1721 Jacob Willem s'Gravesande of Delft, stimulated by the recently enunciated Third Law of Motion, astounded the Royal Society by constructing a practical steam reaction car. The vehicle actually moved several times its own length, a distance of about two meters.

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(One of the spontaneous new contributions to Freshman—Sophomore rivalry this Fall has been what might be called, "The Doggered Derby." In the last issue, we published a poem by the Class of '60; here is '59's answer. Ed.)

TO THE FRESHMEN

From all over the nation they came,
Nine hundred strong and more,
Crossed over the flowing Charles,
To do battle with the Sophomore.

The Freshmen were full of energy,
With high school triumph flushed,
They pitied the poor Sophomore,
On Field Day he'd be crushed.

But the Frosh never figured,
That the Sophomores have been
around.

They've had a year to learn the
ropes,
From the top down to the ground.

The brash young Frosh were out-
classed,
They lost their pants by the score,
And after Field Day has passed,
They'll have a defeat to deplore.

So here's to you Mr. Freshman,
When your dreams of victory are
no more,
If you try real hard next year,
Maybe you'll be a victorious
Sophomore.

—Class of '59

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OCT. 30, 31

RESEARCH AND DEVELOPMENT



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Frosh Booters Edge Harvard, 1-0; Vellavicentio Scores Single Goal

An inspired yearling soccer squad put all their skill and efforts into giving Tech a double-headed victory last Wednesday over the Harvard soccer teams, by edging the Crimsonmen out, 1-0.

Harvard's booters controlled the play during the greater part of the first period. Tech skies looked cloudy as the frosh were unable to push the play onto Harvard's half of the field. Shaking the sun in the second quarter, the yearlings turned the table on Harvard. Norm Dorf brought the ball down the field toward the Harvard goal, then passed to Dal Rhee, the center forward. Rhee booted the goatskin sphere to Rudolfo Vellavicentio. Rudy kicked through the Harvard's goalie to score the only goal of the fracas.

Intramural Football Finals This Sunday

Lost in the excitement of Field Day, the finals in all four intramural leagues will be held this Sunday. All four of last year's champs can repeat just by winning, while the heads of the consolation brackets must win twice in a row.

In League I, unscored upon SAE faces DU whom they polished off 25-0 earlier in the year. League II will see a rematch of the Phi Delta Theta-Theta Chi game, won by the Phi Deltas 19-0 on Walt Akerlund's passing. League III will see champ Beta Theta Pi facing surprisingly strong Sigma Chi for the second time. Closest game of the day will certainly be in League IV where the Phi Gams face the Deltas whom they edged 7-2 two weeks ago. The closeness of the first game indicates a real battle this time.

Lenny Spar, the freshman goalie, was the star during the third and fourth quarters. Len kept all attempted goals by the Crimson out of the Tech nets. The yearlings did restrict most of the action during the last half to Harvard's territory, but were unable to "click" and score against the Harvard soccermen.

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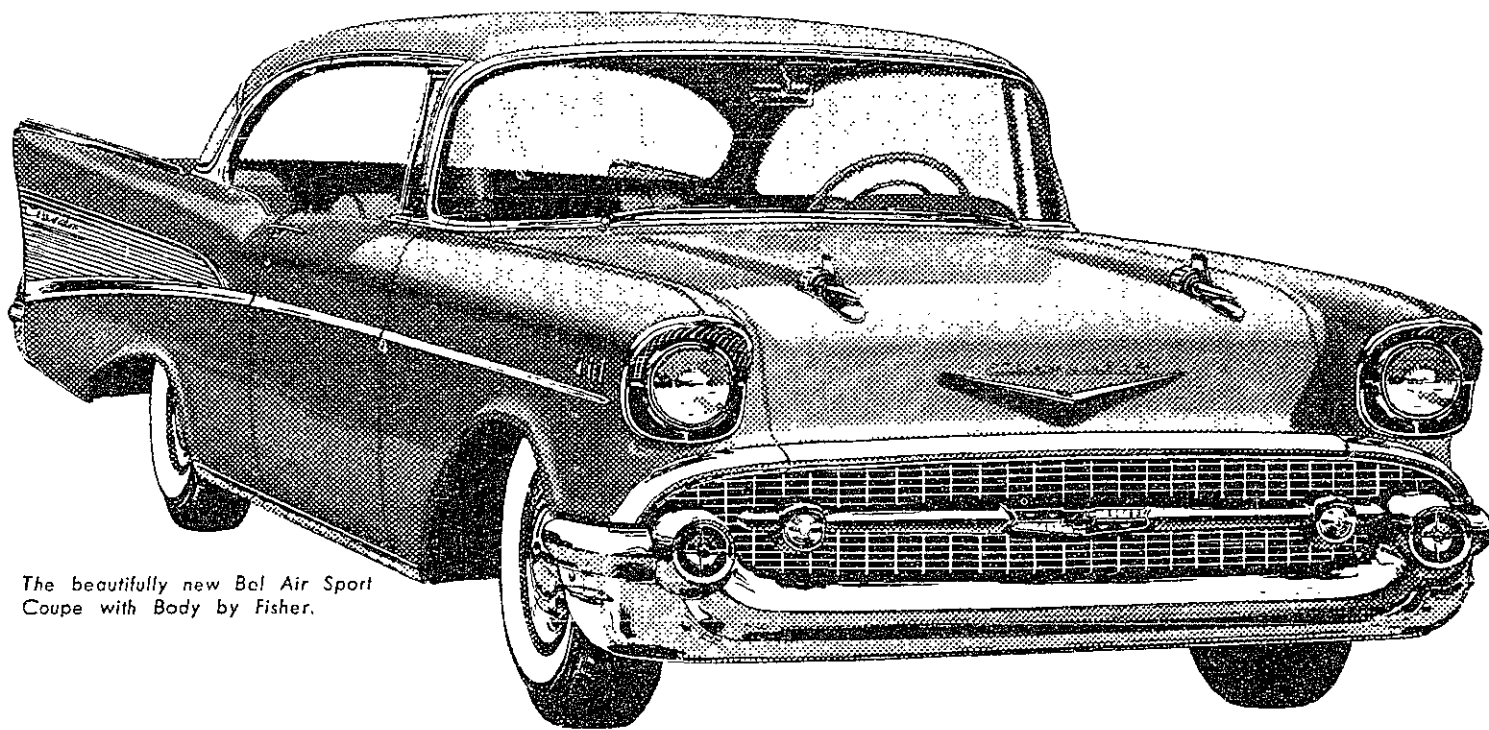
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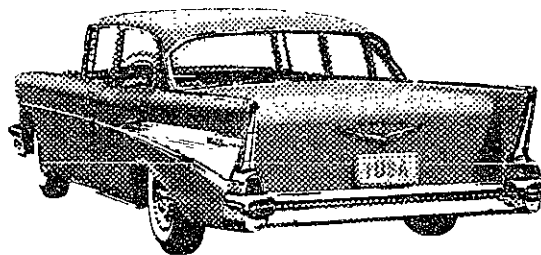


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